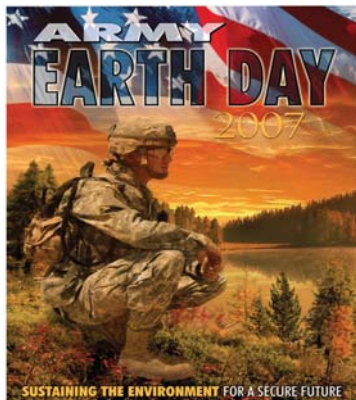




MISSION: SUSTAINABILITY

The Mission of the Fort Detrick Environmental Management office is to preserve, restore and improve the quality of Fort Detrick's environment, and to ensure compliance with applicable environmental laws and regulations. The purpose of this newsletter is to keep Fort Detrick personnel informed on environmental issues that effect your daily life on and off post, and to help guide you in shrinking your environmental footprint.



The Fort Detrick Earth Day Celebration will be held on Thursday, 5 April 2007.

Festivities will begin at the **H.O.T. Dome at 10:00 a.m.** and will last until 2:00 p.m. Also scheduled is a theatrical presentation of, *"The Rainforest Adventure"* at the **Strough Auditorium from 10:00 a.m. to 11:00 a.m.**

Come out and help celebrate Earth Day at Fort Detrick!

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ENVIRO-LUTIONS: A YEAR TO PUT THE EARTH FIRST!

January:

Buy fresh; buy local.

Visit www.eatwellguide.org to search for stores featuring local produce, meats and poultry.

February: Valentines Day the environmental way!

Buy Greeting Cards that are printed on recycled paper or if you can get away with it, send an e-card! Saves money and trees!

March: Composting.

Start a compost pile. Need help? Visit

www.epa.gov/epaoswer/non-hw/composting

April: Earth Day!

Celebrate Earth Day every day. Take your own cloth bags with you to the grocery store.

May: Spring cleaning?

Try using home made and natural alternatives to harsh chemical cleaning products.

June: Landscaping?

Landscape with native plants. Not sure what is native? Ask your local nursery for advice.

July: Green Barbequing.

Reusable plates, cups, and cutlery can greatly decrease the amount of solid waste



Satellite view of our Earth

generated by a Fourth of July celebration.

August: Conserve Water.

Conserve water by watering your lawn or garden in the morning, when water is less likely to evaporate.

September: Save Energy.

Replace the five most-used light bulbs in your house with bulbs that have earned the ENERGY STAR® from the EPA and the DOE, and you can save up to \$60 a year.

October: Hybrid Vehicles.

Fuel economy ratings for new model-year cars are available in October. If you need a new car, opt for a vehicle that's cleaner and more fuel efficient. Learn

more by visiting EPA's Green Vehicle Guide.

www.epa.gov/greenvehicles.com

November: E-cycling.

Electronics have improved the way we live, work and play, but they should not impact the environment. Visit the following website for locations to recycle your old electronics.

www.co.frederick.md.us

December: Holiday Waste.

Americans alone throw away roughly 100 billion plastic bags every year! Re-use wrapping paper or get creative and opt for alternatives for gift wrapping such as old t-shirts or newspapers.

Do your part to protect the wonderful planet we live in!

DO YOU KNOW WHERE TO FIND THE
FORT DETRICK ENVIRONMENTAL POLICY?
[HTTP://WWW.DETRICK.ARMY.MIL/EMO/INDEX.CFM](http://www.detrack.army.mil/emo/index.cfm)



Picture: Battery Box located in many buildings on Fort Detrick.

If your building is in need of a battery recycling box please contact the Hazardous Waste Manager at 301-619-3441.

“Americans go through a staggering 2.5 billion non-rechargeable batteries per year, most of which wind up in local landfills.”

Fort Detrick EMS Awareness Training

- Fort Detrick Environmental Management System (EMS) Awareness Training is a requirement for all who work on Fort Detrick. It takes about 20 minutes to complete and is located on-line at:

[https://
installation.detrick.army.mil/
training/ems/slide01.cfm](https://installation.detrick.army.mil/training/ems/slide01.cfm)

- EMS Training presents the Fort Detrick Environmental Policy, proper management of the environmental aspects of Fort Detrick, and the environmental responsibilities of those who work at the installation.



FORT DETRICK'S BATTERY RECYCLING PROGRAM



Have you ever wondered what to do with all your old batteries? Many of us have them hiding out in our desk drawers or in junk drawers at home just waiting to be recycled. Fort Detrick has joined a national program called Call2Recycle! This program helps Fort Detrick employees and residents conveniently recycle cell phones, portable rechargeable batteries and common household alkaline batteries such as AAA, AA, C, D, and 9-volt.

When the battery can no longer hold a charge, it can and should be recycled. In 2005, roughly 200 million cell phones were in use in the United States, and approximately 130 million phones will be retired each year. The average American cell phone user has a total of 3 or more cell phones and 5 cordless electronic products in their possession. In addition, Americans go through a staggering 2.5 billion non-rechargeable batteries per year, most of which wind up in local landfills. Because

many batteries contain toxic constituents such as mercury and cadmium, they pose a potential threat to human health and the environment when improperly disposed. Though batteries generally make up only a tiny portion of municipal solid waste (MSW)—less than 1 %—they account for a disproportionate amount of the toxic heavy metals in MSW.

You can do your part to protect human health and the environment by simply dropping off your used batteries and old cell phones and cell phone batteries at the battery recycling box nearest you, and they will be collected for recycling. If you live in on-post housing, plastic zipper bags will be provided to you for collection of used batteries. Place your used batteries in the plastic bag, zip the bag closed, and place it in your recycle bin. Personnel from Fort Detrick Waste Management will pick up the batteries on the same day as your regular recycling pickup.

Replacement bags will be

distributed for continued participation in this program. Fort Detrick and other communities nationwide are working in cooperation with the Rechargeable Battery Recycling Cooperation (RBRC), a nonprofit public service organization that operates the Call2Recycle program. By participating in the RBRC program, Fort Detrick is helping to conserve the earth's natural resources and to prevent cell phones and rechargeable batteries from entering the Fort Detrick Incinerator and Landfill.

If you have any question or concerns regarding battery recycling please contact Matthew Rob  rt at (301) 619-3441 or Jennifer Adkins at (301) 619-3169 or the Hazardous Material Management Office (HMMO) located in Building 262 at (301) 619-3443.

COMMANDERS ENVIRONMENTAL AWARD PROGRAM

The Environmental Management Office is currently accepting nominations for the Commander's Environmental Award. Recognition will be provided to individuals and/or groups who display significant support to the Fort Detrick environment through actions, programs or processes. All USAG, MRMC, tenant employees, contractors, and family members, as well as Fort Detrick community members, are eligible to participate in the program as

nominators or nominees. The award is presented at the USAG Quarterly Awards Ceremony.

If you are interested in nominating an individual or group, a copy of the Fort Detrick Regulation 200-6, Commander's Environmental Award Program, along with the nomination form, is available on the Installation Extranet at <http://www.detrick.army.mil>. After entering the web page, select "Installation Extranet", then "Regulations", then select "Fort Detrick Regulations", then select

"FDR 200-6". You may submit a paper copy of the nomination form to the Environmental Management Office, MCHD-SIE, 810 Schreider Street, Suite B2 or you may send an electronic copy to linda.holton@det.amedd.army.mil. If you require a printed paper copy of the nomination form or have any questions, please call Linda Holton at 301-619-3163.



GLOBAL WARMING: WHAT'S ALL THE BUZZ ABOUT?

Average global temperature has increased by almost 1°F over the past century; some scientists expect the average global temperature to increase an additional 2 to 6°F over the next one hundred years. This may not sound like much, but it could change the Earth's climate as never before. At the peak of the last ice age (18,000 years ago), the temperature was only 7°F colder than it is today, and glaciers covered much of North America! Even a small increase in temperature over a long time can change the climate. When the climate changes, there may be big changes in the things that people depend on. These things include the level of the oceans and the places where we plant crops. They also include the air we breathe and the water we drink.

What Might Happen?

It is important to understand that scientists don't know for sure what climate change will bring. Climate change may affect people's health both directly and indirectly. For example, heat stress and other heat related health problems are caused directly by very warm temperatures and high humidity. Ecological Systems Climate change may alter the world's habitats and eco-

systems – all living things are included in and rely on these places. Many of these places depend on a delicate balance of rainfall, temperature, and soil type. A rapid change in climate could upset this balance and seriously endanger many living things. Most past climate changes occurred slowly, allowing plants and animals to adapt to the new environment or move somewhere else. However, if future climate changes occur as rapidly as some scientists predict, plants and animals may not be able to react quickly enough to survive. The ocean's ecosystems also could be affected for the same reasons.

Sea Level Rise

Global warming may make the sea level become higher. Why? Well, warmer weather makes glaciers melt adding more water to the ocean. Warmer temperatures also make water expand. When water expands in the ocean, it takes up more space and the level of the sea rises.

Sea level may rise between several inches and as much as 3 feet during the next century. This will effect both natural systems and manmade structures along coastlines. Coastal flooding could cause saltwater to flow into areas

where salt is harmful, threatening plants and animals in those areas. For example, an increase in the salt content of the Delaware and Chesapeake bays is thought to have decreased the number of oysters able to live in those waters.

Oceanfront property would be affected by flooding, and beach erosion could leave structures even more vulnerable to storm waves. Whether we move back from the water or build barricades in the face of a rising sea, it could cost billions of dollars to adapt to such change. Coastal flooding also may reduce the quality of drinking water in coastal areas.

Crops and Food Supply

Global warming may make the Earth warmer in cold places. People living in these places may have a chance to grow crops in new areas. But climate change also might bring droughts to other places where we grow crops. In some parts of the world, people may not have enough to eat because they cannot grow the food that they need.

Source: www.epa.gov

"Indirectly, ecological disturbances, air pollution, changes in food and water supplies, and coastal flooding are all examples of possible impacts that might affect human health."



Did you know???

Fort Detrick has teams in place working to develop ways to minimize the installation's environmental impacts. These teams are open to anyone working on Fort Detrick and are geared towards 5 areas:

- Air Emissions
- Water Resources
- Energy Conservation
- Resource Conservation
- Education & Outreach

For more information contact us at:

usagenvironment@amedd.army.mil

or call Doug Mayles at 301-619-0023.

GLOBAL WARMING: WHAT CAN WE DO?

Climate change may be a big problem, but there are many things we can do to make a difference. If we try, most of us can do our part to reduce the amount of greenhouse gases that we put into the atmosphere. Many greenhouse gases come from things we do every day. As we have learned, these greenhouse gases trap energy in the atmosphere and make the Earth warmer.

Driving a car or using electricity is not wrong, we just have to be smart about it. Some people use less energy by carpooling to and from work. Did you know that Ft. Detrick, in partnership with NCI has a carpool program? To learn more visit:

www.detrack.army.mil/emo/carpool

Here are some additional ways you can help make the planet a better

place!

Save Electricity

Whenever we use electricity, we put greenhouse gases into the air. Turning off lights, the television, and the computer when you are through with them can help eliminate additional greenhouse gas releases into the air.

Bike, Bus, and Walk

You can save energy by sometimes taking the bus, riding a bike, or walking.

Plant Trees

Planting trees is fun and a great way to reduce greenhouse gases. Trees absorb carbon dioxide, a greenhouse gas, from the air.

Reduce, Reuse and Recycle

Recycle whatever possible. When you recycle, you send less trash to

the landfill and you help save natural resources, like trees, oil, and elements such as aluminum. Buy recyclable products instead of non-recyclable ones. Look for the recycle mark – three arrows that make a circle – on the package.

Solar Energy

Solar energy can be used to heat homes, buildings, water, and to make electricity. Today, more than 200,000 houses in the United States take advantage of the sun's energy.

ENERGY STAR®

Buying products with the ENERGY STAR® label will help protect the environment and save you money on your electric bill.

Source: www.epa.gov





We Care!

We are on the Web!

<http://www.detrick.army.mil>

FORT DETRICK'S ENVIRONMENTAL POLICY

FORT DETRICK HAS
AN ENVIRONMENTAL
POLICY LOCATED AT:

[WWW.DETRICK.
ARMY.MIL/EMO/
INDEX.CFM](http://WWW.DETRICK.ARMY.MIL/EMO/INDEX.CFM)

THIS POLICY
DISCUSSES MAJOR
ENVIRONMENTAL
COMMITMENTS OF
THE INSTALLATION
INCLUDING THE
COMMITMENT TO:

- COMPLY WITH ALL APPLICABLE REQUIREMENTS
- POLLUTION PREVENTION &
- CONTINUAL IMPROVEMENT

FOR MORE
INFORMATION VISIT
THE LINK ABOVE OR
CONTACT DOUG
MAYLES AT
301-619-0023.

WHAT IS UNIVERSAL WASTE?

Universal Waste is a special category of Hazardous Waste and for which the regulations have been streamlined for certain wastes. A waste must also meet certain criteria to qualify as a universal waste. For instance, it must be widespread, commonly found in medium to large volumes, and exhibit only low-level hazards or be easily managed.

The Universal Waste Regulations apply to the following categories of Hazardous Waste:

Common Examples:

- Rechargeable Batteries
- Mercury-Containing Thermostats
- Pesticides
- PCB Containing Light Ballasts (less than 50 ppm)
- Fluorescent Lamps
- High Intensity Discharge (HID) Lamps
- Mercury Vapor Lamps
- High Pressure Sodium

UNIVERSAL WASTE	
CONTENTS:	
ACCUMULATION START DATE:	
POC NAME:	
ADDRESS:	
CITY, STATE, ZIP:	

Vapor Lamps

- Metal Halide Lamps

Container Labeling

Universal Waste containers must be labeled as soon as waste is placed in a container

(i.e. when a spent light tube is placed in a carton).

Labels must contain the following information.

- Accumulation Start Date (ASD)
- Generator (Activity) name and phone number
- Contents of Container

When labeling Universal Waste containers, the labels must contain one of the following Phrases.

“Universal Waste”

“Waste - (Battery(ies), Lamps, etc.)”

“Used - (Battery(ies), Lamps, etc.)”

Container Management

Universal Waste must be placed in containers that are structurally sound to prevent breakage. Containers must also be compatible with the waste. Rechargeable batteries and/or mercury thermostats that show evidence of leakage, spillage, or damage that could cause leakage, must be containerized.

Containers must remain closed/sealed at all times and only opened when waste is being added or removed!

If you have any question or concerns regarding universal waste please contact Matthew Robért at (301) 619-3441

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